bMu 954.42.1

Walter Faxon

1886 - [1889]

–

1891

1886.

March.

11. Bluebirds arrive (C. E. F.).
12. Robins seen "
15. Red-winged Blackbirds and Song Sparrows [(C. E. F.)
17. Golden-winged Woodpeckers heard (C. E. F.).
18. Hepatica fl. (D. D. Slade)
17. Skunk Cabbage fl. "
19. Purple Finch sings "
22. Crow Blackbirds appear in Cambridge.
25. Robins sing.
27. Snowbirds ".
28. Fox-colored Sparrows seen.
31. White Maple fl.

April.

2. Alder fl. Hyla and Rana sp. heard (E. F.).
8. Bay-winged Buntings and Peewees app. and sing.
9. Swamp Sparrows (?) at Fresh Pond, Cambridge. Toad and Vanessa Antiopa seen. House flies app. Crow (?) heard.
11. Hepatica fl. on the Bussey farm. Field Spar-
12. American elm fl.

1886.

April

13. White-bellied Swallows arr. Chipping Sparrows ~~(?)~~ and Yellow-rumped Warblers sing. Brephos infans app. Hazel-nut (Corylus) fl.

14. Red Maple fl.

17. Blood-root fl. at Waverly. Potentilla Canadensis fl.

18. Pine-creeping Warbler seen. Salix discolor in full flower. Lycaena Lucia app.

20. Cyclophis vernalis app. Antennaria plantaginifolia, Carex Pennsylvanica, Lindera Benzoin fl.

22. Pieris rapae app. Forsythia fl. Chrysosplenium [Americanum fl.

23. Acer platanoides, Salix alba, Comptonia, Erythronium, Anemone nemorosa, Caltha, Viola sagittata, Saxifraga Virginiensis fl. Equisetum arvense fr.

24. Cherry-trees fl.

25. Sugar Maple, Ash-leaved Maple, Canoe Birch, European White Birch, Yellow Birch, Grey Birch, Shad Bush, Vaccinium Pennsylvanicum, Dandelion, Columbine, Strawberry, Viola blanda, Viola cucullata (in dry ground), Shepherd's Purse, Rue-leaved Anemone fl. Nanemys guttatus, Grapta sp. app. Salix rostrata in full flower.

26. Salix petiolaris, S. sericea, S. cordata, S. purpurea

1886.

Apr

in flower. Viola pedata, Carex panicea, Pyrus Japonica fl.

27. Houstonia coerulea fl. (probably considerably earlier).

28. Black Birch, Pear Tree, Coptis trifolia, Luzula campestris fl. ~~Meadow Lark arr.~~

29. Apple Tree, Aralia trifolia, Uvularia sessilifolia, Trillium erythrocarpum, Petasites palmata, Cassandra calyculata, Chiogenes hispidula, Veronica serpyllifolia, Stellaria borealis, Carex praecox fl. Black-throated Green Warbler, White-throated Sparrow arr.

30. Ostrya Virginica, Cupressus thyoides, Juniperus Virginiana, Fraxinus Americana, Oryzopsis asperifolia, Carex umbellata fl.

May.

1. Viola pubescens, Arisaema triphyllum, Polygala paucifolia, Ribes aureum fl. Colias Philodice app. Cherry trees in fullest flower.

2. Carpinus Americanus fl. Blood-root about over with flowering.

4. Black-and-White Creeping Warbler, Barn Swallow, Yellow Red-

May

poll Warbler seen. Sassafras, Viola lanceolata, Viola primulæfolia, Carex vulgaris? fl.

5. Baltimore Oriole, Warbling Vireo, Yellow-throated Vireo, Summer Yellow Bird, Small-billed Water Thrush, Brown Thrush, Catbird, Ruby-crowned Kinglet, Least Flycatcher arr. Flowering Almond, European Beech fl.

6. Rose-breasted Grosbeak, Towhee Bunting, Chimney Swift arr. Prunus Pennsylvanica, Trillium cernuum, Horse-Chestnut fl. Pear-trees in fullest flower, Cherry blossoms about gone. Lycæna Comyntas, Danais Archippus app.

7. House Wren, Golden-crowned Thrush, Spotted Sandpiper arr. Yellow-rumped Warblers very plenty. Chrysophanus Americanus, Euryomia Inda app.

9. Wilson's Thrush, Redstart, Chestnut-sided Warbler arr. Artostaphylus Uva-ursi, Ranunculus bulbosus, Thalictrum dioicum, Medicago lupulina, Fagus ferruginea, Celandine, Field Sorrel, Pedicularis, Barbarea, Plantago lanceolata, Dicentra spectabilis fl. Apple-trees, Dandelions and Polygala paucifolia in full flower. Cercis fl. White-throated Sparrows still here. [Nashville Warbler heard.

10. Maryland Yellow-throat, Blue Yellow-backed

1886.

May

Warbler arr. Acer pseudo-platanus, Lilac fl. Robin's nest finished, Least Flycatcher building.

11. Halesia, Lily-of-the-Valley fl.

12. Rubus triflorus fl. Yellow-rumped Warblers still here.

13. Viola canina, var. sylvestris, Ranunculus abortivus, Aralia nudicaulis, Polygonatum biflorum, Quercus rubra fl.

14. Corydalis glauca, Geranium maculatum, Wistaria fl.

15. Red-eyed Vireo, Bobolink, Scarlet Tanager arr. Black Oak fl.

16. Indigo Bird, White-eyed Vireo, Prairie Warbler, Blue Golden-winged Warbler seen. Smilacina bifolia, Pyrus arbutifolia fl. Trientalis fl.

17. Hypoxis erecta, Saxifraga Pennsylvanica, Cardamine hirsuta fl.

18. Black-poll Warbler arr. Yellow-throated Vireo building nest. Cardamine rhomboidea, Geum rivale, Senecio aureus, Cypripedium acaule, C. pubescens, Ranunculus multifidus, Comandra umbellata, Veronica

1886.

May

peregrina, Clintonia, Actaea rubra, Rhodora, Erigeron bellidifolius, Euphorbia Cyparissias, Nemopanthes, Lonicera Tartarica fl.

19. Black-throated Blue Warbler, Bay-breasted Warbler, Wilson's Black-cap (C.E.F.) seen, Cuckoo heard. White-throated Sparrow still here. ~~Wild~~ Choke-Cherry (P. ~~serotina~~ Virginiana) fl.

20. Yellow-billed Cuckoo, Wood Pewee arr. Sisyrrhynchium fl. Polygala paucifolia and Apple-trees still in full flower.

21. Wilson's Thrush sings. Canada Flycatching-warbler seen (C.E.F.). Cornus florida, Azalea nudiflora, Calla palustris, Hawthorn fl. Horse Chestnut in full flower.

22. Black and Yellow Warbler seen (C.E.F.). Red Clover, Barberry fl. Dandelion flowers not yet past.

23. Humming-bird ~~arr.~~ seen. Leucothoe, Chinquapin Oak, Pyrus Aucuparia, English Walnut. Whiteweed fl.

24. White Clover, Silene Pennsylvanica, Ranunculus acris, Rubus Canadensis, Weigelia fl.

25. Peony, Spiderwort fl. in the gardens.

26. Carya alba fl.

28. Black-poll Warblers numerous. Viburnum Lentago,

May

1886.

Iris versicolor, Cornus Canadensis fl.

29. Blackburnian Warbler seen (Sudbury). Prunus serotina Crataegus tomentosa, C. coccinea? Cornus alternifolia, Raspberry, Lupine fl. Helianthemum Canadense, Rubus villosus fl.

30. Laburnum fl. Polygala paucifolia not yet done with flowering on Weld Farm. Dandelions still to be found in flower. Blackpoll Warblers seen for the last time.

31. Sarracenia purpurea, Robinia Pseudacacia fl.

June.

1. Syringa fl.
2. Yellow Roses fl. in gardens.
27. Rosa lucida and R. humilis in full flower. Privet in full flower.

July.

1. Cichorium Intybus, Hypericum perforatum fl.
4. Chestnut fl.
11. Catalpa fl.

1886.

September

28. Snowbirds arr.

October

2. Yellow-rumped Warblers, White-throated Sparrows arr.
17. Golden-crowned Kinglet arr.
26. Tree Sparrow arr.

1887.

February.

20. Saw two Bluebirds in Lexington. Snow on the ground in patches.

March.

4. Song Sparrows seen in Brookline, Mass. (C. E. F.).
(March 6, heavy fall of snow.)
13. Bluebirds appear again.
14. Striped Squirrels.
20. Robins seen for the first time since last December. Red-winged Blackbirds arr. Song Sparrows sing. Golden-winged Woodpeckers call. Good deal of snow still.
21. Snowbirds arr. Vanessa Antiopa seen.
22. Crossbills seen.
23. Crow Blackbirds arr.
25. Fox-colored Sparrows, Woodcock.
27. Tree Sparrows and Snowbirds sing. Carolina Rail [found (dead) nr. Mattapan.
29. Crossbills seen.
31. Peewees arr. Robins sing. Golden-crowned Kinglets and Tree Sparrows still here. Brephos infans [illegible].

1887.

April.

1. Skunk Cabbage fl.
(April 2, heavy snow.)

3. Purple Finches, House Flies up.

4. Grapta comma, Honey Bees.

5. Acer dasycarpum fl.

8. Bay-winged Buntings, Cow birds arr. Pine Finches seen (C. E. F.)

9. White-bellied Swallows arr. Hyla, Rana sp. (sylvatica?) heard. Fox Sparrows and Snowbirds very abundant.

10. Meadow Larks sing. Grapta J-album, Cicindela (vulgaris?), Gyrinus. Honey-bees abundant in the White Maples. 79° in the shade.

11. Hepatica triloba fl. on the Bussey Farm, West Roxbury. Corylus and two species of Alder fl.

12. Ruby-crowned Regulus, Pine Warbler, Yellow-rumped Warbler, Yellow Red-poll Warbler, Red-bellied Nuthatch, Chipping Sparrow, Field Sparrow, Chrysemys picta. Populus tremuloides, P. grandidentata fl.

13. Lycaena Lucia ap. Striped Snakes, Rana virescens.

15. Cicindela purpurea ap. Peewee builds. Snow still on N. slopes and in deep woods.

1887.

April

17. Hermit Thrushes arr.
(April 18, 4 or 5 in. of snow.)
18. Savannah Sparrows first seen. Goldfinches sing.
19. Elm fl.
20. Pine Finches seen. Red Maple fl.
21. Fox Sparrows and Snowbird abundant. Ephemera app.
22. Golden-crowned Kinglets and Brown Creepers still here.
24. White-throated Sparrows arr. Partridge drum.
25. Purple Martins arr. Swamp Sparrows seen. Toad trill. Brephos infans still to be seen. Robins build.
26. Potentilla Canadensis, Carex Pennsylvanica fl.
27. Barn Swallows arr. Crossbills seen. Bloodroot fl. at Waverley. Dandelion, Lindera benzoin fl.
28. Caltha palustris, Chrysosplenium Americanum, Populus candicans, Forsythia fl.
29. Black-and-white Creeping Warbler arr.
30. Black-throated Green Warbler, Towhee Bunting, Kingfisher

1887

arr. Yellow Red-poll Warblers still here. Pine Finches seen again. Antennaria plantaginifolia, Saxifraga Virginiensis fl.

May.

1. Blue-headed Vireo, Least Flycatcher, Night Hawk arr. Snowbirds seen for the last time this spring. Pieris rapae, Euryomia Inda app. Viola blanda, V. sagittata, V. cucullata, Houstonia coerulea, Nardosmia palmata, Anemone nemorosa fl. Rusty Grackles still here.
2. House Wren arr. Cicindela sexguttata, Drasteria erechthea app. Ruby-crowned Kinglets still here. Erythronium Americanum fl.
3. Warbling Vireo, Summer Yellowbird, Brown Thrush, Nashville Warbler, Chimney Swift arr. Ranunculus fascicularis, Strawberry, Rue Anemone, Sweet Fern, Columbine, Cherry-tree fl. Thecla niphon, Nisoniades sp., Black Flies (?) app.
4. Yellow-throated Vireo, White-eyed Vireo, Chestnut-sided Warbler, Prairie Warbler, Ovenbird, Redstart, Maryland Yellow-throat, Catbird, Bobolink, Baltimore Oriole arr. Towhee Bunting sings. Tree Sparrow seen for the last time. ~~Woodchucks app.~~ Shadbush fl. Temp. 85°.

1887.

5. Kingbird, Black-throated Blue Warbler, Wilson's Thrush, Olive-sided Flycatcher arr. Acer platanoides fl.
6. Rose-breasted Grosbeak arr. Rusty Grackles heard still. Salix alba, Vaccinium Pennsilvanicum fl.
7. Pyrus Japonica, Arisaema fl. Polygala paucifolia [fl.
8. Red-eyed Vireo arr. (C.E.F.)
9. Blue Yellow-Back Warbler arr. Wild Pigeons (Zenaidura macrura ?) seen in Bedford. Bellwort, Luzula campestris in fl. Tent caterpillars spin their nests.
10. Wood Thrush arr. Robin's nest finished. Grey Birch, Viola pedata fl.
11. Apple-tree fl.
12. Papilio Asterias, Lycaena Comyntas. Horse Chestnut, Viola lanceolata, V. primulaefolia fl. Columbines in full flower.
13. Scarlet Tanager, Blue Golden-winged Warbler, Humming-bird arr. Cuckoo heard. Veery *sings*. Robin's nest with three eggs laid. White-throated Sparrows and Yellow-rumped Warblers still here.
4. Crossbills seen (C.E.F.). Viola pubescens in full flower. Bloodroot and Erythronium about over

1887.

May

flowering at Waverley. Barbarea vulgaris fl. Colias Philodice seen for the first time this season.

15. Cape May Warbler (♂) seen near South St., Brookline. Blue Golden-wing Warbler and Black-throated Blue Warbler again. Great-crested Flycatcher heard. Black-poll Warbler, Indigo Bird arr. Olive-back Thrush seen. Acer pseudo-platanus, Pedicularis Canadensis, Vaccinium corymbosum, Quercus rubra, Lilac fl. Peach and Pear trees in full flower. Veronica serpyllifolia, Trillium cernuum in flower. Blue-headed Vireo again. Prunus Pennsylvanicus fl.

16. Chrysophanus Americanus app. Rhodora in flower.

17. Wood Peewee arr. Yellow-winged Sparrow sings. Ranunculus bulbosus fl.

18. Wilson's Black-cap seen.

19. Canadian Flycatching-Warbler. Whip-poor-wills heard. Wilson's Black-caps again. Water Thrush.

20. Apple-trees in full flower.

21. Black-and-Yellow Warblers. Canada Flycatching Warblers numerous. Trientalis, Cornus Florida, Hypoxis erecta, Pyrus arbutifolia, Smilacina bifolia fl.

22. Black-poll Warblers numerous, Swainson's Thrush

May

sings. Prunus Virginiana, barberry, Andromeda polifolia, Eriophorum vaginatum, Wild Geranium fl. Water Thrush, Pine Finch seen. Papilio Turnus app.

23. Silene Pennsylvanica fl. Canada Flycatchers still.

24. Cypripedium acaule, C. pubescens, Azalea nudiflora, Cornus Canadensis, Arethusa bulbosa, Lupine, Calla palustris, Blue Flag fl.

26. Blackburnian Warblers plenty in the Pine woods near Wayside Inn Station, Sudbury. Prunus serotina, Comandra, Geum rivale fl. Polygala paucifolia still in flower.

28. Neonympha eurytris app.

29. White-weed, Lathyrus palustris, locust tree fl.

30. Black-poll Warblers still here. Arenaria lateriflora fl.

September.

13. White-bellied Swallows, Barn Swallows, and Bank Swallows still here.

19. Robins and Bay Sparrows many. Black-poll-

1887.

Sept

Warblers arr.

21. White-throated Sparrow, Brown Creeper arr.

24. Snowbirds, Golden-crowned Kinglets arr.

October.

31. Tree Sparrows.

November.

2. Butcher-birds.

15. Snow Buntings arr. (Fresh Pond, Cambridge.)

17. Ipswich Sparrows and Horned Larks at Ipswich Beach. Robins.

20. Bluebirds still here.

22. Song Sparrow.

24. Purple Finches.

27. 68° (lowest yet 25°). Wind S. Hylas pip. Vanessa Antiopa flies.

December.

1. 5.5° at 7 a.m.

4. Song Sparrows. Winter Wren (B. Torrey).

7. Robins.

D[illegible]:   1887.

8. Ipswich Sparrow at Lynn Beach.
11. Golden-winged Woodpeckers.
12. Hylas peep (B. Torrey).
15. Song Sparrow " "
18. Light snow last night; the first of the season.
26. Fox Sparrow (B. Torrey).
27. First considerable snow of the season.
31. 2° last night.

1888.

January.

4. Golden-winged Woodpecker (C.E.F.).
6–31. Song Sparrow (B. Torrey).
7. Robins
27, 28. Robins (C E. F.).
29. Redpolls (Belmont).
31. Redpolls (Lexington), Pine Linnets (Belmont), and
Snow Buntings (Waltham).

Temp. (Waverley.)
12. 2°
17. 2° Snow.
22. −6.5°
23. −10°
25. −9°
27. 3°
28. − 5°
29. −10°
30. 6°

1888.

February.

2-5. Snow Buntings in Belmont and Lexington. Temp. 5th, 55°

6. Robins, Red-polls, Purple Finch, Golden-winged Woodpecker.

11. Considerable fall of snow.

12. Song Sparrow. (Seen by B. Torrey 10 days in Feb.)

13. Robins.

14. Temp. 57°.

16. Temp. −6°.

19. Robins, Redpolls, Cedarbird, Pine Finches.

23. Golden-winged Woodpecker.

26. Robins, Purple Finches, Cedarbirds, two Red-winged Blackbirds (Waltham). (Bluebird, B. Torr
Temp. 54°.

March.

1. Bluebirds again, (B. Torrey) also on the 2nd, 4th, 5th and 6th.

4. Cedarbirds (also on the 5th, 6th, 11th, 18th) Re[illegible] 25

6. Robin sings (therm. below 32°)

7. Bluebirds. Song Sparrow sings. Temp. 7 A.M. 10°, Max. 32°.

8. Golden-crowned Kinglet (The only specimen seen

1888.

Mar.

since January!)

10. Pine Finches (also on the 11th, 18th, 19th, 20th, 22nd, 25th. Very abundant on the last three days.)

11. Crow clucks. Tree Sparrow sings. Snowbird.

12. Nearly 1 ft. of snow. W. (North) 54 m. an hour (Sig. Serv. Sta. Boston).

13. More snow. W. (N.E.) 60 m. an hour (U.S. Sig. Serv. Sta. Boston).

14. Purple Finches and Robins, the latter singing, ground covered with deep snow.

16. Meadow Larks (sings).

18. Purple Finch sings. Golden-winged Woodpeckers.

20. One Mealy Redpoll? among a flock of Lesser Redpolls on Fitchburg R.R. between Waverly and Clematis Brook Sta.

21. Heavy S. rain taking off most of the snow.

22. Bluebirds abundant. Snowbirds sing.

25. Flicker shouts. Rusty Grackle app. ([illegible] sings) (C.E.F.)

28. Red-winged Blackbirds again.

30. Snow Buntings, Shore Larks and Ipswich Sparrows at Ipswich Beach.

31. Fox Sparrows app. and sing. Pewee app. Skunk Cabbage fl.

1888.

April.

1. Cowbird arr. Fox Sparrow, Red Crossbill + Pine Finch sing. Vanessa Antiopa, Grapta comma, Graptas [illegible] faunus app. Savannah Sparrow, Swamp Sparrow, Yellow-bellied Woodpecker (B. T.).
3. Woodcock, Osprey
4. Ipswich Sparrow, Shore Lark (Lynn Beach) Rana silvatica
5. Savannah Sparrow, Bay-winged Bunting, Yellow Redpoll Warbler (Nantasket), Hermit Thrush (E. T.). Flicker's "wick-a-wick" heard. Ipswich Sparrow (Nantasket Beach).
6. Field Sparrow arr. (B. Torry). Emys guttata, Striped Snake app.
7. White-bellied Swallow, Barn Swallow (one specimen among flock of preceding at Mystic Pond), Chipping Sparrow arr. Golden-crowned Kinglet sings.
8. Alder fl.
9. Swamp Sparrow. Redpoll Linnet seen for the last time.
11. Pine Warbler (B. T.)
12. Yellow-bellied Woodpecker
13. Kingfisher, Ruby-crowned Kinglet (B. T.) arr.
15. Hepatica fl. (C. E. F.)
18. Yellow-rumped Warbler arr. Yellow Redpolls again.
19. Chimney Swift arr.

Populus tremuloides fl. (C. E. F.)

22. White-throated Sparrow arr. (C. E. F.)

1888.

April

25. Fox Sparrow seen for the last time (B.T.)

26. Tree " " " " " "

28. Least Flycatcher (B.T.), Black-and-White Warbler (C.E.F., B.T.) arr. Acer rubrum fl. (C.E.F.)

29. Black-throated Green Warbler, Spotted Sandpiper, Blue-headed Vireo, Brown Thrasher (B.T.), Towhee (B.T.) arr. Pieris rapae app. Dandelion, White Violet, Viola sagittata, Potentilla Canadensis ~~[illegible]~~, Anemone nemorosa, Caltha palustris, Houstonia coerulea, Saxifrage and Mouseear fl. Bloodroot has been in flower a few days probably at Waverley.

30. Yellow Warbler arr. Horse-chestnut buds begin to unfold (C.E.F.). Yellow-rumps and Yellow Redpolls abundant.

May.

1. Catbird, Chestnut-sided Warbler arr. (B.T.)
2. Lindera benzoin fl. Purple Martins arr.
3. Veery, House Wren, Nashville Warbler arr. Lycaena lucia. Blue Yellow-backed Warbler arr. (B.T.)
4. Yellow-throated Vireo, Warbling Vireo, Cliff Swallow, Bank Swallow. Hermit Thrush (B.T.)
5. Redstart arr.

May

6. Prairie Warbler arr. (C.E.F.). Ovenbird, Kingbird arr. (B.T.) Yellow Redpoll Warbler and Snowbird seen for the last time (B.T.). Erythronium flowers. Oriole arr.

7. Wood Thrush, White-eyed Vireo, Red-eyed Vireo, Rose-breasted Grosbeak arr. (B.T.). Golden-crowned Kinglet seen. Robin's nest 4 eggs. Tent Caterpillar begins to spin web. [illegible] app. Colias Philodice app. [illegible] fl. Maryland Yellow-throat arr.

8. Black-throated Blue Warbler arr.

9. Great-crested Flycatcher (C.E.F.). Yellow-bellied Flycatcher (B.T.). Whip-poor-will (B.T.). Scarlet Tanager ♂ (C.E.F.).

10. Bobolink, Water Thrush arr. Sugar Maple and White Willow in fl. Black Fly app. [illegible] discolor sings. Sparrow Hawk's nest with 5 eggs. ♀ Baltimore Oriole first seen.

11. Black-poll Warbler (two or more seen), Black-burnian Warbler, Wilson's Blackcap, Black-and-Yellow Warbler, Canadian Warbler, Olive-backed Thrush, Gray-cheeked Thrush (B.T.). Yellow-breasted Chat ([illegible], B.T.). Hummingbird (C.E.F.). White-crowned Sparrow, Black-billed Cuckoo arr. (B.T.) Cherry-tree fl. One Rusty Grackle. Veery sings.

1888.

May

13. ♀ Scarlet Tanager.

14. Blue Golden-winged Warbler, Yellow-winged Sparrow (B.F.).[1] Crimeda seccuttata app. Viola pubescens fl. at Waverley.

16. Polygala paucifolia begins to flower.

18. Papilio Asterias app. Betula papyracea fl. Yellow Warbler's nest finished.

20. Indigo-bird, Nighthawk, Olive-sided Flycatcher.[2] Gray-cheeked Thrush. Cherry-trees in full flower.

21. Apple-tree fl. Pyrameis Atalanta app.

22. White-crowned Sparrow, Solitary Sandpiper. Greater Yellowlegs. Wood Pewee (C.S.F.). [illegible]

[illegible]

23. Swamp Sparrow, Yellow-winged Sparrow building. Yellow-rumped Warblers still here. Last Wilson's Blackcap.

24. White-throated Sparrow seen for last time.

25. Ranunculus bulbosus fl.

27. Lilac and Horse Chestnut begin to flower. Blue-headed [Vireo.

28. Trientalis fl.

29. Geranium maculatum fl.

30. Water Thrush, Black-and-Yellow Warbler for last time. Apple-trees in full flower.

31. Canadian Warbler. Blackburnian Warbler (B.F.). Yellow-rumped Warbler (one, B.F.) last seen. Hairy Woodpecker. Blue Yellow-backed Warbler. Long-billed Marsh Wren builds.

1888.

June.

1. Pine Siskin (C.E.F.). Wild Cherry fl. Papilio turnus app.
2. Iris versicolor, Berberis vulgaris fl. Fireflies app.
4. Mourning Warbler ♂ seen in Brookline (C.E.F.).
5. Black-poll Warbler and Swainson's Thrush for last time.
6. Swamp Sparrow's nest, 5 eggs.
13. Red Crossbills seen on the 7th, 8th, 10th, 11th, 12th, 13th

September.

[illegible]-14. Red-bellied Nuthatches, [illegible]; Newport, R.I.
14. Immense flocks of White-bellied Swallows at Newport, R.I. Also a few Barn Swallows with them.

October.

23. Fox Sparrows. Tree Sparrows.
[illegible]. Black-poll Warblers still here. [illegible] Sparrows, a ♂ Purple Finches sing.

1881.

November.

1. No Chipping Sparrow. Purple Finch sings, 9 a.m. [illegible] 8 a.m.
4. Fox Sparrow sings. Pine Finches. [illegible]
6. White-throated Sparrows seen for the last time, [illegible] Grosbeaks.
7. Graphic comm'd, [illegible]
10. Winter Wren (sings), [illegible] [illegible] Hermit Thrush last.
1[illegible]. Snow Buntings, [illegible]
2[illegible]. [illegible]
2[illegible]. Fox Sparrow [illegible], 18° at 8 a.m.
23. 10° at 7 a.m.
24. Ice on Beaver Brook [illegible] thick.
28. Killdeer Plover at Nahant.
25. 3½ in. snow. Wind 42 m. p. hour.
2[illegible]. [illegible] Bunting (Nahant. B. Torrey).
[illegible] (B. Torrey).
[illegible] Yellow-rumped Warbler (B. Torrey).
4. Bluebirds ([illegible]).

December.

3. Killdeer Plovers, Nahant.
5. Winter Wrens (two), Fox Sparrow (Waverley).
6. Fox Sparrow ([illegible]).
8. Cowbirds (two ♀), Belmont.

1885.

15. White-throated Sparrow (B. Torrey).
16. 1 White-winged Crossbill ♀
21. Killdeer Plover (B. Torrey).
[illegible]. Phoebe singing (B. Torrey).

14th 4.5°
22nd 3°
No snow all the mo.
average mild

1887.

January

2. Meadow Lark, [illegible]
11-23. White-throated Sparrow, Waverley.
6-11. Winter Wren, Waverley.
2-31 Song Sparrow, [illegible]
3[illegible] [illegible]
30. Kildeer, Marblehead.
[illegible] Red-headed Woodpecker, [illegible]

February.

1, 11-22. Kildeer at Marblehead.
8. Winter Wren, Waverly.
3-2[illegible]. White-throated Sparrow, Waverly.
15. Robin.
2[illegible], 24, 25. [illegible] Grebe, Fresh Pond marshes. [illegible]

March.

3. Song Sparrow sings, Flicker shouts.
7. One Kildeer at Marblehead.
10. Meadow Larks and Bluebirds arr. Fox Sparrows (Arlington, Mr Chamberlain.)
13. Rusty & Red-winged Blackbirds arr.
14. Fox Sparrows.

1889.

Mar.

16. Robin sings.
19. Bronzed Grackle arr.
23. Hyla pickeringii, Rana (halecina?). Vanessa antiopa, Brephos infans.
24. Grapta j-album, G. comma, Striped Snake.
25. Cowbird arr. Alder fl.
26. Pewee arr. Brown Creeper sings.
27. Woodcock.
29. Savannah Sparrows.
31. Purple Finches & Cedar-birds.

April.

1. Kingfisher arr.
3. Yellow-rumped Warbler (one or two), Great Blue Heron.
5. White-bellied Swallow (B.T.).
6. Marsh Hawk.
9. Bay-winged Bunting (B.T.).
10. Winter Wren (sings), Pine Warbler (B.T.).
12. Yellow-bellied Woodpecker (to 22nd), Field Sparrow, Hermit Thrush (B.T.).
13. Chipping Sparrow. Alewives in Mystic Pond.

Ruby-crowned Kinglet arr. Brown Creeper seen for last time. Elm fl.

1889.

April

15. Golden crowned Kinglet last seen. Lycaena lucia app. Sanguinaria canadensis fl.

16. Yellow Red-poll Warbler (B.T.).

18. Fox Sparrow last time (B.T.), Cicindela vulgaris, Equisetum arvense.

19. White-throated Sparrow. Tree Sparrow last time. Shore Lark (Nahant). Pieris rapae.

20. Yellow-rumped Warblers again. Lindera benzoin, Dandelion fl. 80°.

21. Purple Martin, Barn Swallow, Towhee (B.T.), Horse Chestnut, Forsythia, Caltha, Viola sagittata, Potentilla canadensis, Gnaphalium plantagineum.

22. Chimney Swallow (B.T.). Houstonia cœrulea.

23. Brown Thrasher (B.T.).

24. Rusty Blackbird last. Colias philodice. Erythronium fl. Sanguinaria full flower.

25. Black-and-white Warbler.

26. Vireo solitarius (B.T.).

27. Least Flycatcher. Cherry & White Willow fl.

28. Black-throated Green Warbler arr. Viola pubescens, Viola pedata fl.

29. Spotted Sandpiper, Red-winged Locust, Viola canina, Aquilegia canadensis, Amelanchier, Corydalis gl[illegible]ca.

30. Nashville Warbler (B.T.).

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May.

1. Whip-poor-will, Blue Yellow-back Warbler (one). Cherry-trees in full flower.

3. Snowbirds seen (B.T.).

4. Bobolink arr.

5. Catbird (B.T.). Pear-tree fl.

7. Yellow Warbler, Redstart; Rose-breasted Grosbeak, Yellow-throated Vireo. Apple-tree fl.

8. Warbling Vireo, Baltimore Oriole, Oven-bird (B.T.).

9. Crested Flycatcher, Kingbird, House Wren, Chestnut-sided Warbler, Maryland Yellow-throat, Water Thrush.

10. Blackpoll Warbler; Prairie Warbler (B.T.). Apple-trees in full bloom.

(Rest of the month in Berkshire. See Torrey's May list.)

1903.

Mar. 10. White Maple fl. (Cambridge)
" 12. Vanessa antiopa flies.
" 14. Hyla pickeringii peeps. Symplocarpus fl. Temp. max. 69°.
" 18. Hazel fl.
" 19. 71°. 20th, 75°.
" 20. Toad sings.
" 25 Brephos infans.
April 12. Lycæna lucia, Pieris rapæ.
" 25. Cherry begins to flower.
" 26. Shad-bush fl.
" 29. 84½°.
" 30. 81° Pear fl. Norway Maple in full flower.
May 18. 89° Horse Chestnuts in full flower.